

RECEIVED

FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office	Docket No. (Optional) JHU1680-2	Serial N .: 09/904,968
Applicant(s): Germino et al.		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Filing Date: July 13, 2001	Group Art Unit: 1634

JUN 21 2002
TECH CENTER 1600/2900

U.S. PATENT DOCUMENTS

EXAM. INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE

FOREIGN PATENT DOCUMENTS

EXAM. INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION (YES/NO)

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

<i>GG</i>	AA	Rossetti, Sandro et al., "Mutation Analysis of the Entire PKD1 Gene: Genetic and Diagnostic Implications," <i>Am. J. Hum. Genet.</i> , Vol. 68, 2001, pgs. 46-63.
<i>GG</i>	AB	Rossetti, Sandro et al., "The Position of the Polycystic Kidney Disease 1 (PKD1) Gene Mutation Correlates With the Severity of Renal Disease," <i>J. Am. Soc. Nephrol.</i> , Vol. 13, 2002, pgs. 1230-1237.

EXAMINER <i>Gulay Gali</i>	DATE CONSIDERED 1/26/04
-------------------------------	----------------------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office	O P E R A T I O N S MAY 06 2002 PATENT & TRADEMARK OFFICE	Docket No. (Optional) JHU1680-2	Serial No.: 09/904,968
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Applicant(s): Germino et al.	
		Filing Date: July 13, 2001	Group Art Unit 16461
		RECEIVED	

MAY 08 2002

U.S. PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	TECH CEN: ER 1003/2000 SUB-CLASS	FILING DATE
<i>LG</i>	AA	5,654,170	08/05/1997	Klinger et al.			
<i>LG</i>	AB	6,071,717	06/06/2000	Klinger et al.			

FOREIGN PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION (YES/NO)

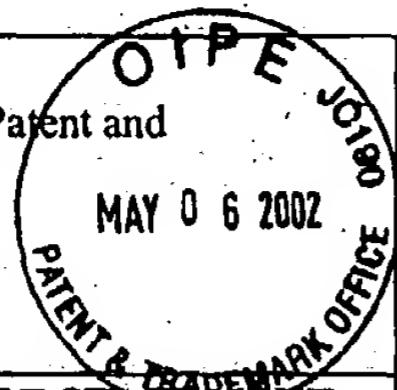
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

<i>LG</i>	AC	Bogdanova, Nadia et al., "Homologues to the First Gene for Autosomal Dominant Polycystic Kidney Disease are Pseudogenes," <i>Genomics</i> , Vol. 74, 2001, pgs. 333-341.
<i>LG</i>	AD	Boletta, Alessandra et al., "Polycystin-1, the Gene Product of PKD1, Induces Resistance to Apoptosis and Spontaneous Tubulogenesis in MDCK Cells," <i>Molecular Cell</i> , Vol. 6, November 2000, pgs. 1267-1273.
<i>LG</i>	AE	The European Polycystic Kidney Disease Consortium, "The Polycystic Kidney Disease 1 Gene Encodes a 14 kb Transcript and Lies within a Duplicated Region on Chromosome 16," <i>Cell</i> , Vol. 77, June 17, 1994, pgs. 881-894.
<i>LG</i>	AF	Phakdeekitcharoen, Bunyong et al., "Thirteen Novel Mutations of the Replicated Region of PKD1 in an Asian Population," <i>Kidney International</i> , Vol. 58, 2000, pgs. 1400-1412.

EXAMINER	DATE CONSIDERED
<i>Germino, Gallo</i>	1/26/04

EXAMINER: Initial if citation considered whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FQRM PTO-1449

U.S. Department of Commerce Patent and
Trademark OfficeDocket No. (Optional)
JHU1680-2Serial No.:
09/904,968**RECEIVED**

MAY 08 2002

INFORMATION DISCLOSURE STATEMENT
BY APPLICANTApplicant(s):
Germino et al.Filing Date:
July 13, 2001

Group Art Unit:

1645
TECH CENTER 1600/2000

5	AG	Phakdeekitcharoen, Bunyong et al., "Mutation Analysis of the Entire Replicated Portion of PKD1 Using Genomic DNA Samples," <i>J. Am. Soc. Nephrol.</i> , Vol. 12, 2001, pgs. 955-963.	(4)
6	AH	Watnick, Terry J. et al., "An Unusual Pattern of Mutation in the Duplicated Portion of PKD1 is Revealed by Use of a Novel Strategy for Mutation Detection," <i>Human Molecular Genetics</i> , Vol. 6, No. 9, 1997, pgs. 1473-1481.	(9)
7	AI	Watnick, Terry J., "Gene Conversion is a Likely Cause of Mutation in PKD1," <i>Human Molecular Genetics</i> , Vol. 7, No. 8 1998, pgs. 1239-1243.	
8	AJ	Watnick, Terry J. et al., "Somatic Mutation in Individual Liver Cysts Supports a Two-Hit Model of Cystogenesis in Autosomal Dominant Polycystic Kidney Disease," <i>Molecular Cell</i> , Vol. 2, August 1998, pgs. 247-251.	(10)
9	AK	Watnick, Terry et al., "Mutation Detection of PKD1 Identifies a Novel Mutation Common to Three Families with Aneurysms and/or Very-Early-Onset Disease," <i>Am. J. Hum. Genet.</i> , Vol. 65, 1999, pgs. 1561-1571.	(11)

EXAMINER

DATE CONSIDERED

11/26/04

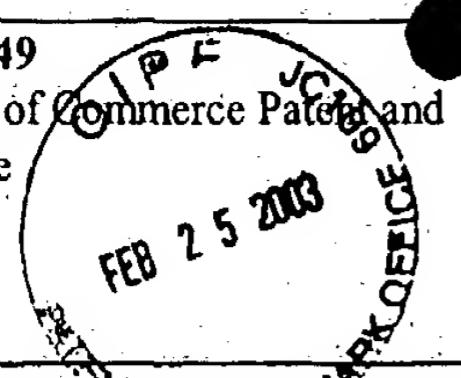
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office <i>JC109</i> <i>FEB 25 2003</i>	Docket No. (Optional) JHU1680-2	Serial No.: 09/904,968 RECEIVED <i>FEB 28 2003</i>
Applicant(s): Germino et al.		
Information Disclosure Statement BY APPLICANT		Filing Date: July 13, 2001
		Group Art Unit: 1645 TECH CENTER 1600/2900

EXAMINER		DATE CONSIDERED	1/26/04
----------	--	-----------------	---------

EXAMINER: Initial if citation considered whether or not citation is in conformance with MPEP '609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449
U.S. Department of Commerce Patent and
Trademark Office



Docket No. (Optional)
JHU1680-2

Serial No.:
09/904,968

Applicant(s):
Germino et al.

RECEIVED

INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

Filing Date:
July 13, 2001

Group Art Unit:
1645

FEB 28 2003

TECH CENTER 1600/2900

U.S. PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
<i>CC</i>	AA	6,071,717	06/06/2000	Klinger et al.			

FOREIGN PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION (YES/NO)

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

1	AB	Neophytou, et al., "Detection of a novel nonsense mutation and an intragenic polymorphism in the PKD1 gene of a Cypriot family with autosomal dominant polycystic kidney disease," <i>Human Genet</i> 98: 437-442 (1996).
2	AC	Peral, et al., "Screening the 3' Region of the Polycystic Kidney Disease 1 (PKD1) Gene Reveals Six Novel Mutations," <i>Am. J. Human Genet.</i> 58: 86 – 96 (1996).
3	AD	Perrichot, et al., "DGGE Screening of PKD1 gene reveals novel mutations in a large cohort of 146 unrelated patients," <i>Hum Genet</i> 105: 231-239 (1999).
4	AE	Phakdeekitcharoen, Bunyong et al., "Mutation Analysis of the Entire Replicated Portion of PKD1 Using Genomic DNA Samples," <i>J. Am. Soc. Nephrol.</i> , Vol. 12, 2001, pgs. 955-963.
5	AF	Roelfsema, et al., "Mutation Detection in the Repeated Part of the PKD1 Gene," <i>Am. J. Hum. Genet.</i> 61: 1044-1052 (1997).
6	AG	Thomas et al., "Identification of Mutations in the Repeated Part of the Autosomal Dominant Polycystic Kidney Disease Type 1 Gene, PKD1, by Long-Range PCR," <i>Am. J. Hum. Genet.</i> 65: 39-49 (1999).

EXAMINER

DATE CONSIDERED

1/26/04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTC1449 U.S. Department of Commerce Patent and Trademark Office		Docket No. JHU1680-2 (104659-94)	Serial No.: 09/904,968
OCT 27 2003 U.S. PATENT AND TRADEMARK OFFICE Applicant(s): Germino et al.			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Filing Date: July 13, 2001	Group Art Unit: 1634

U.S. PATENT DOCUMENTS

EXAM. INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
LG	6,031,088	02/29/2000	Somlo et al.			
	6,288,591 B1	05/08/2001	Somlo et al.			
	6,380,360 B1	04/30/2002	Harris et al.			
HP	6,485,960 B1	11/26/2002	Harris et al.			

FOREIGN PATENT DOCUMENTS

EXAM. INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATIO N (YES/NO)
LG	WO95/18225	07/06/1995	WIPO			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

<i>LG</i>	Liu, Wanguo, et al., "Denaturing High Performance Liquid Chromatography (DHPLC) Used in the Detection of Germline and Somatic Mutations," <i>Nucleic Acids Research</i> , Vol. 26, No. 6, Pgs. 1396-1400, 1998
<i>HP</i>	Underhill, Peter A., et al., "Detection of Numerous Y Chromosome Biallelic Polymorphisms by Denaturing High-Performance Liquid Chromatography, <i>Genome Research</i> , Vol. 7, Pgs. 996-1005, 1997

Gray Cary\GT\6371266.1
104659-94

EXAMINER	DATE CONSIDERED
<i>John J. Johnson</i>	11/26/04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.